



DEPARTMENT OF
ECOLOGY
State of Washington

☒ Construction

☐ Decommission **ORIGINAL INSTALLATION**

Notice of Intent Number

PROPOSED USE: ☒ Domestic ☐ Industrial ☐ Municipal
☐ DeWater ☐ Irrigation ☐ Test Well ☐ Other

TYPE OF WORK: Owner's number of well (if more than one) _____

X ☐ New well ☐ Reconditioned Method: ☐ Dug ☐ Bored ☐ Driven
☐ Deepened ☒ Cable ☐ Rotary ☐ Jetted

DIMENSIONS: Diameter of well 6 inches, drilled 192 ft.
Depth of completed well 189 ft.

CONSTRUCTION DETAILS

Casing ☒ Diam. 6 from +1 ft. to 184 ft.
Installed: ☐ Liner installed _____ Diam. from _____ ft. to _____ ft.
☐ Threaded _____ Diam. From _____ ft. to _____ ft.

Perforations: ☐ Yes ☒ No

Type of perforator used _____

SIZE of perfs _____ in. by _____ in. and no. of perfs from _____ ft. to _____ ft.

Screens: ☒ Yes ☐ No ☐ K-Pac Location 183

Manufacturer's Name JOHNSON

Type STAINLESS Model No. TELE
Diam. 6 Slot size 08 from 184 ft. to 189 ft.
Diam. Slot size from _____ ft. to _____ ft.

Gravel/Filter packed: ☐ Yes ☒ No Size of gravel/sand _____
Materials placed from _____ ft. to _____ ft.

Surface Seal: ☒ Yes ☐ No To what depth? 18 ft.

Material used in seal BENTONITE 3/8 CHIPS

Did any strata contain unusable water? ☐ Yes ☒ No

Type of water? _____ Depth of strata _____

Method of sealing strata off _____

PUMP: Manufacturer's Name _____

Type: _____ H.P. _____

WATER LEVELS: Land-surface elevation above mean sea level 205 ft.

Static level 133.6 ft. below top of well Date 8/27/11

Artesian pressure _____ lbs. per square inch Date _____

Artesian water is controlled by _____ (cap, valve, etc.)

WELL TESTS: Drawdown is amount water level is lowered below static level

Was a pump test made? ☐ Yes ☒ No If yes, by whom? _____

Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.

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Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Date of test _____

Bailer tes 5 gal./min. with MAX ft. drawdown after 1.5 hrs.

Air test _____ gal./min. with stem set at _____ ft. for _____ hrs.

Artesian flow _____ g.p.m. Date _____

Temperature of water _____ Was a chemical analysis made? ☐ Yes ☒ No

CURRENT

Notice of Intent No. W 267962

Unique Ecology Well ID Tag No. JBBF 292-

Water Right Permit No. _____

Property Owner Name WHIDBEY ISLAND NORDIC LODGE

Well Street Address JACOBS Rd

City COUPEVILLE County ISLAND

Location NW 1/4 1/4 of the NW 1/4 Sec 02 Twn 31 R 1 EWM ☒
(s, t, r Still REQUIRED) Or WWM ☐

Lat/Long Lat Deg _____ Lat Min/Sec _____

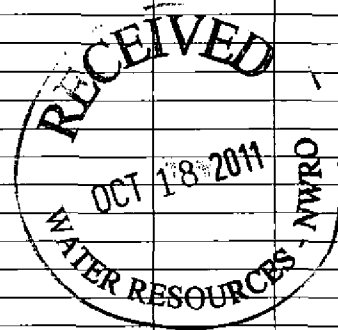
Long Deg _____ Long Min/Sec _____

Tax Parcel R 13102-433-0190

CONSTRUCTION OR DECOMMISSION PROCEDURE

Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. (USE ADDITIONAL SHEETS IF NECESSARY.)

Material	FROM	TO
BROWN COMP SAND & GRAVEL	0	10
SAND & GRAVEL	10	39
SAND	39	130
GREY SILTY SAND	130	155
SANDY CLAY	155	163
SILTY SAND & CLAY	163	182
SILTY SAND	182	184
FINE SAND WITH SILT	184	190
CLAY	190	192



Start Date 8/23/11 Completed Date 8/27/11

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

☒ Driller ☐ Engineer ☐ Trainee Name (Print) Gerlof Boonstra

Driller/Engineer/Trainee Signature

Driller or trainee License No. 0038

IF TRAINER: Driller's License No.

Driller's Signature:

Drilling Company WHIDBEY WELL DRILLERS

Address 716 Holbrook Rd

City, State, Zip Coupeville, WA, 98239

Contractor's

Registration No. WHIDBWD921 RS Date 8/28/11



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Northwest Regional Office • 3190 160th Ave SE • Bellevue, WA 98008-5452 • 425-649-7000
711 for Washington Relay Service • Persons with a speech disability can call 877-833-6341

JUL 21 2011

Richard Johnson, President
Nordic Lodge Building Association
P.O. Box 1525
Coupeville, WA 98239

RE: Variance request from Washington Administrative Code (WAC) 173-160-171, standards for siting water wells. The property is located at the SE corner of Jacobs Road and Highway 20., WA, in the NW¼ of Section 02, Township 31N, Range 01E, in Island County

Dear Mr. Johnson:

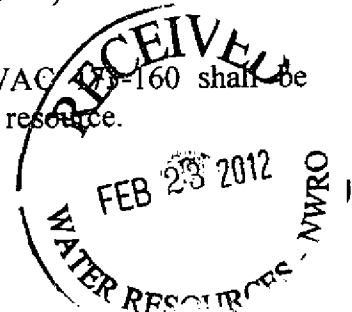
You requested a waiver from WAC 173-160-171 which specifies siting standards for water wells.

Department of Ecology (Ecology) received your variance request via post July 14, 2011. The request states attempts at securing an alternative water source have been unsuccessful, and a well needs to be constructed 30 feet within the 1,000-foot landfill setback.

Island County Department of Health approves of this well site as a source for the transient non-community population associated with the business of the lodge. Further, the existing safeguards and data collection efforts at the county level maintain current knowledge of contaminant migration, if any. To date, none of any significance exists in the direction of the proposed well location.

After an investigation, and review of information available, a variance is hereby **granted** in accordance with WAC 173-160-106 to allow for construction of the well at the location noted in the variance request. This variance **expires January 31, 2012**, and is granted with the following provisions:

1. A "Notice of Intent to Construct a Water Well" (Start Card) and fees must be submitted to Ecology (Olympia address).
2. All other minimum construction standards found in WAC 173-160 shall be followed to protect further degradation of the groundwater resource.



Richard Johnson, President
Nordic Lodge Building Association
Variance Request
Page 2 of 3

3. A well report describing the construction of the well shall be submitted to the Department (Northwest Regional Office) within thirty (30) days after completing the work for the well. Attach a copy of this variance to the well report.
4. With the exception of the specific provisions set forth (above) in this variance, all federal, state, and local requirements shall apply.
5. This variance expires **January 31, 2012**. After this date, approval of a new request for variance must be obtained for the work proposed.

You have a right to appeal this action to the Pollution Control Hearing Board (PCHB) within 30 days of the date of receipt of this document. The appeal process is governed by Chapter 43.21B RCW and Chapter 371-08 WAC. "Date of receipt" is defined in RCW 43.21B.001(2).

To appeal, you must do the following within 30 days of the date of receipt of this document:

- File your appeal and a copy of this document with the PCHB (see addresses below). Filing means actual receipt by the PCHB during regular business hours.
- Serve a copy of your appeal and this document on Ecology in paper form - by mail or in person. (See addresses below.) Email is not accepted.

You must also comply with other applicable requirements in Chapter 43.21B RCW and Chapter 371-08 WAC.

Street Addresses	Mailing Addresses
Department of Ecology Attn: Appeals Processing Desk 300 Desmond Drive SE Lacey, WA 98503	Department of Ecology Attn: Appeals Processing Desk P.O. Box 47608 Olympia, WA 98504-7608
Pollution Control Hearings Board Environmental Hearings Office 1111 Israel Road SW, Suite 301 Tumwater, WA 98501	Pollution Control Hearings Board P.O. Box 40903 Olympia, WA 98504-0903

Richard Johnson, President
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Variance Request
Page 3 of 3

Please also send a copy of your appeal to:

Jacqueline Klug
Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008

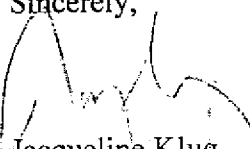
For additional information visit the Environmental Hearings Office Website:
<http://www.eho.wa.gov>

To find laws and agency rules visit the Washington State Legislature Website:
<http://www1.leg.wa.gov/CodeReviser>

Your attention to these laws and regulations, and cooperation with the Department of Ecology in this matter is appreciated. Please telephone Noel S. Philip at (425) 649-7044 or email him at noel.philip@ecy.wa.gov if you have any questions concerning this variance.

DATED this 21st day of July, 2011, at Bellevue, Washington.

Sincerely,


Jacqueline Klug
Section Manager
Water Resources Program

jk/np/mc

By certified mail: 7008 1140 0000 2359 8428

Enclosure: Your Right to be Heard

cc: Noel S. Philip, NWRO WR

I certify that I mailed this Order, or an identical copy thereof, postage prepaid, to the above addressee(s) this 21st day of July 2011.

 (SIGNATURE)